

CLAIMS

1. A scissor jack assembly comprising:
 - a base member for resting the jack assembly against a substantially flat surface;
 - a support bracket assembly;
 - first and second lower arm members each of an open channel construction with outer sidewalls and having one end connected to said base plate;
 - first and second upper arm members each of an open channel construction with outer sidewalls and having one end connected to said support bracket assembly;
 - first and second trunnions connecting said upper arms with said lower arms, each said trunnion including a bore;
 - a rotatable shaft member extending into the bores of said first and second trunnions; and
 - a pin for limiting the axial movement of the shaft within at least one of said trunnions.
2. The scissor jack assembly according to claim 1, wherein the pin prevents removal of the shaft from at least one trunnion.
3. The scissor jack assembly according to claim 1, wherein the pin is fixedly attached to the rotatable shaft.
4. The scissor jack assembly according to claim 1, wherein the pin is positioned on the side of one of the trunnions closest to the midpoint of the shaft.
5. The scissor jack assembly according to claim 1, further comprising at least one spacer dimensioned to substantially occupy the space between the sidewalls of an upper or lower arm member for maintaining the position of said rotatable shaft within the area between planes created by the sidewalls of said upper or lower arm members.
6. The scissor jack assembly according to claim 1, further comprising at least one spacer dimensioned to substantially occupy the space between the rotatable shaft and at least one arm member sidewall for maintaining the position of said rotatable shaft within the area between planes created by the sidewalls of said upper or lower arm members.
7. A scissor jack assembly comprising:
 - a base member for resting the jack assembly against a substantially flat surface;
 - a support bracket assembly;
 - first and second lower arm members each of an open channel construction with outer sidewalls and having one end connected to said base plate;
 - first and second upper arm members each of an open channel construction with outer sidewalls and having one end connected to said support bracket assembly;
 - first and second trunnions connecting said upper arms with said lower arms, each said trunnion including a bore;
 - a rotatable shaft member extending into the bores of said first and second trunnions; and
 - a hook-like clip for limiting the axial movement of the shaft within at least one of said trunnions.

8. The scissor jack assembly according to claim 7, wherein the pin prevents removal of the shaft from at least one trunnion.
9. The scissor jack assembly according to claim 7, wherein the hook-like clip is fixedly attached to the rotatable shaft.
10. The scissor jack assembly according to claim 7, wherein the hook-like clip is positioned on the side of one of the trunnions closest to the midpoint of the shaft.
11. The scissor jack assembly according to claim 7, further comprising at least one spacer dimensioned to substantially occupy the space between the sidewalls of an upper or lower arm member for maintaining the position of said rotatable shaft within the area between planes created by the sidewalls of said upper or lower arm members.
12. The scissor jack assembly according to claim 7, further comprising at least one spacer dimensioned to substantially occupy the space between the rotatable shaft and at least one arm member sidewall for maintaining the position of said rotatable shaft within the area between planes created by the sidewalls of said upper or lower arm members.